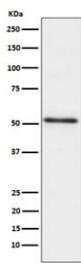


ACPP Antibody / Prostatic Acid Phosphatase / PAP [clone AFFB-1] (RQ5445)

Catalog No.	Formulation	Size
RQ5445	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AFFB-1
Purity	Affinity purified
UniProt	P15309
Applications	Western Blot : 1:500-1:2000
Limitations	This ACPP antibody is available for research use only.



Western blot testing of human prostate cancer lysate with ACPP antibody. Expected molecular weight: 45-50 kDa.

Description

The ACPP gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isoform has been found for this gene. This isoform contains a transmembrane domain and is localized in the plasma membrane-endosomal-lysosomal pathway. [RefSeq]

Application Notes

Optimal dilution of the ACPP antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Prostatic Acid Phosphatase / ACPP was used as the immunogen for the ACPP antibody.

Storage

Store the ACPP antibody at -20°C.